

ED4U AERO SERIES DRIVER
FIBER COUPLED LASER DIODE DRIVER

> FEATURES AND BENEFITS



- Integrated fiber coupled laser diode array
- Integrated power supply (optional)
- Integrated RF driver (optional)
- Air cooled
- CE marked
- 19" rack mountable
- Labview compatible*
RS232 and RS485

The eDrive™ Aero, designed for driving internal fiber coupled diodes, integrates a standard eDrive with optional power supplies, RF controllers, and other accessories in a single rack-mountable housing. All aspects of your laser system can be controlled with one unit.

eDrive Aero can be equipped as a complete turnkey system with an internal laser diode, power supply, required cooling, and multiple control options. An easy to use local front panel interface along with a host of digital remote control options, including Labview* compatibility, which are offered as standard. The Aero can also be offered in an OEM version without the laser diode module for customers who wish to supply their own diode.

A variety of power supplies, single or dual-axis Q-switch drivers/controllers, and heater card options are available. Ask your sales representative for more information.

*Labview™ is the property of National Instruments Corporation.



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eDrive™ Aero

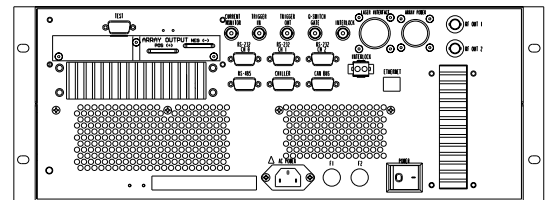
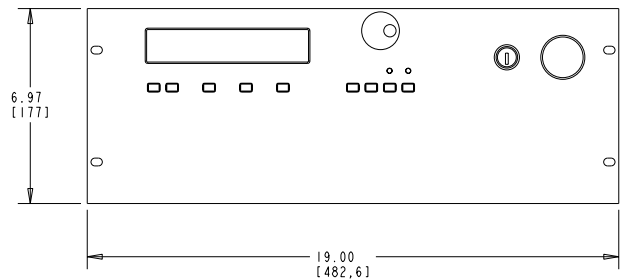
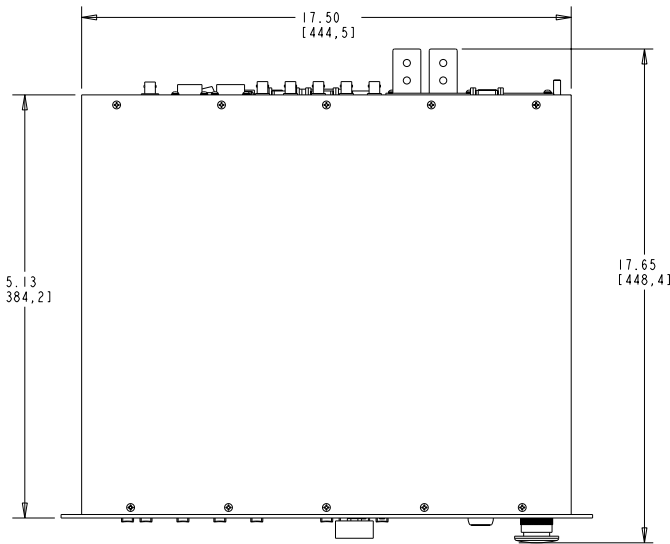


SPECIFICATIONS

	Air Cooled
Performance Characteristics:	CW
Output Power	> 32 W (higher powers available upon request)
Fiber Size	600 μm
Wavelength	Various available
Amplitude:	CW
Output Current	0-50 A
Display Resolution	100 mA
Accuracy	± 2%
Noise	< 50 mA p-p
Current Monitor:	CW
Type	20 A/V 0-5 V
Accuracy	± 2%
Interlocks:	CW
Open Circuit Voltage	5 VDC nominal
Short Circuit Current	1 mA nominal
Type	Switch contact closure or TTL or 5 V CMOS compatible
General:	CW
Operating Temperature	0 - 40°C, non condensing

Power Input 100 - 240 VAC, 50/60 Hz, 4A max external power supply, 15A max internal power supply

MECHANICAL DRAWINGS



REAR VIEW

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